Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051420\
Data File : VN061398.D
Acq On : 14 May 2020 17:20
Operator : JC/MD
Sample : VN0514WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0514WBL01

Quant Time: May 15 06:47:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N051420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 14 16:04:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	18958	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	110702	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	95930	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	52590	30.98	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 103.27%			
60) 4-Bromofluorobenzene	12.38	95	44321	27.06	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 90.20%			
63) Toluene-d8	10.06	98	140930	31.73	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 105.77%			

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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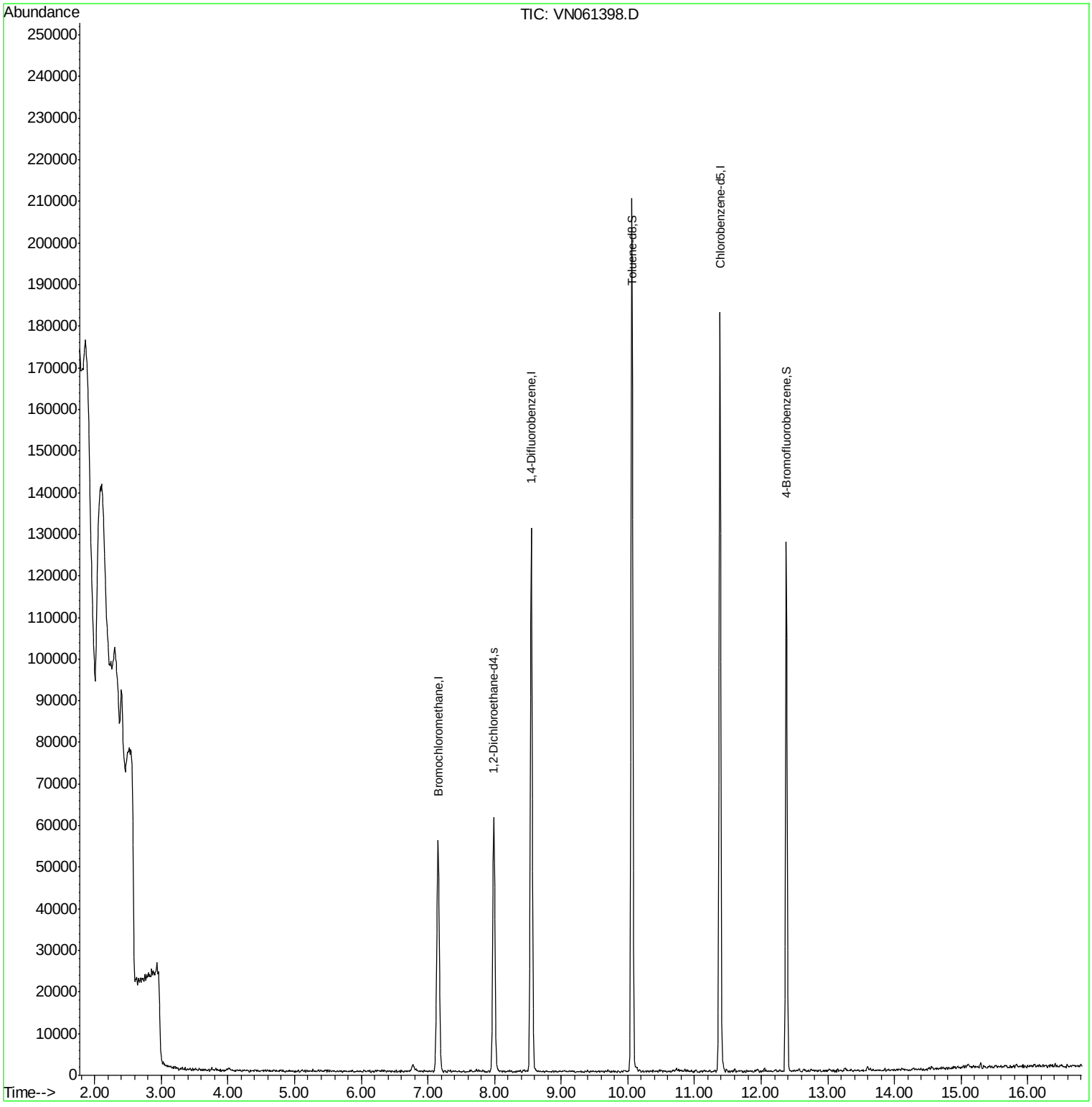
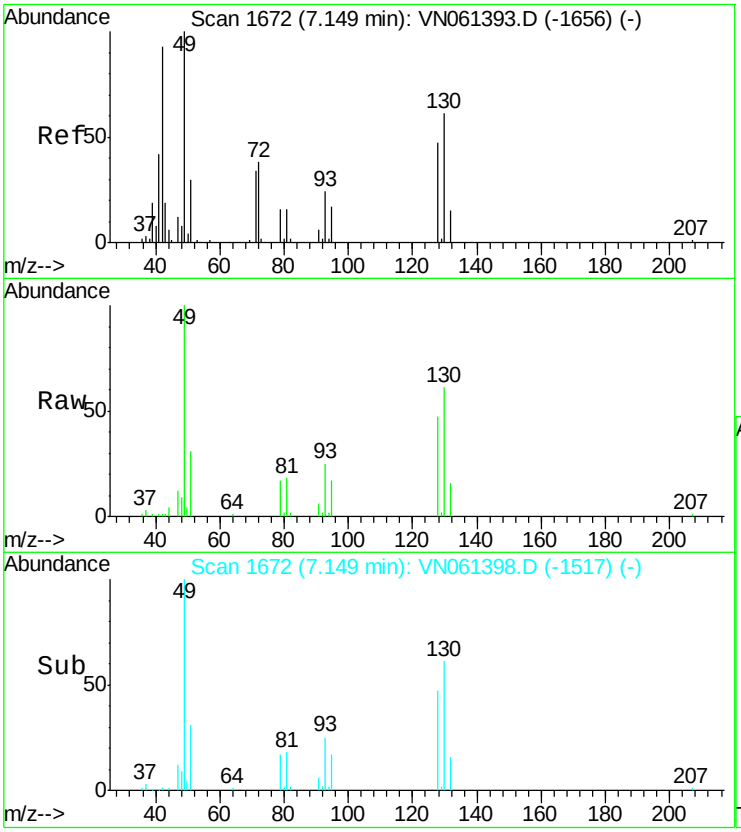


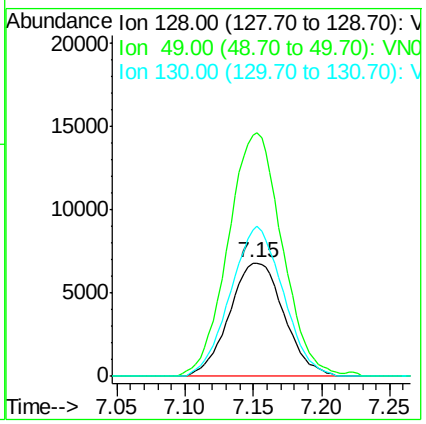


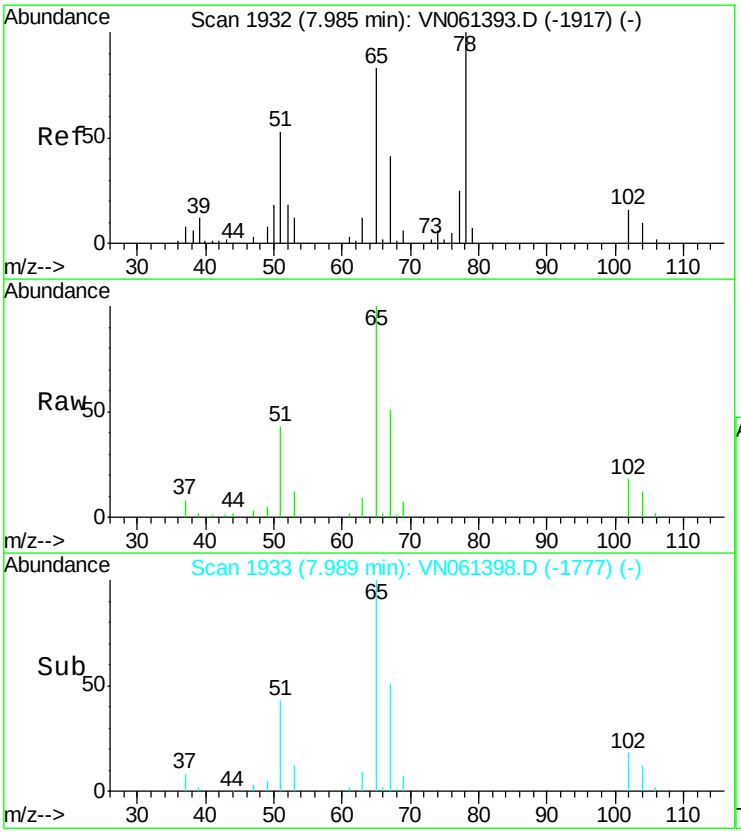
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN061398.D
Acq: 14 May 2020 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBL01

Tgt Ion:128 Resp: 18958

Ion	Ratio	Lower	Upper
128	100		
49	212.2	0.0	453.5
130	127.5	0.0	314.2

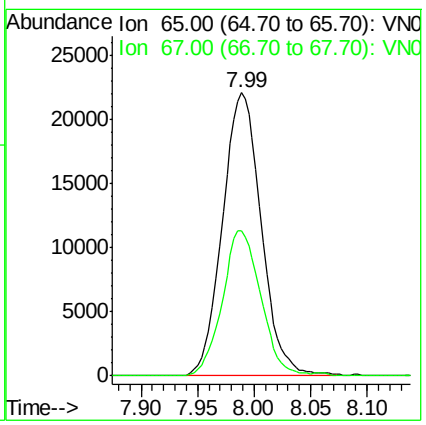


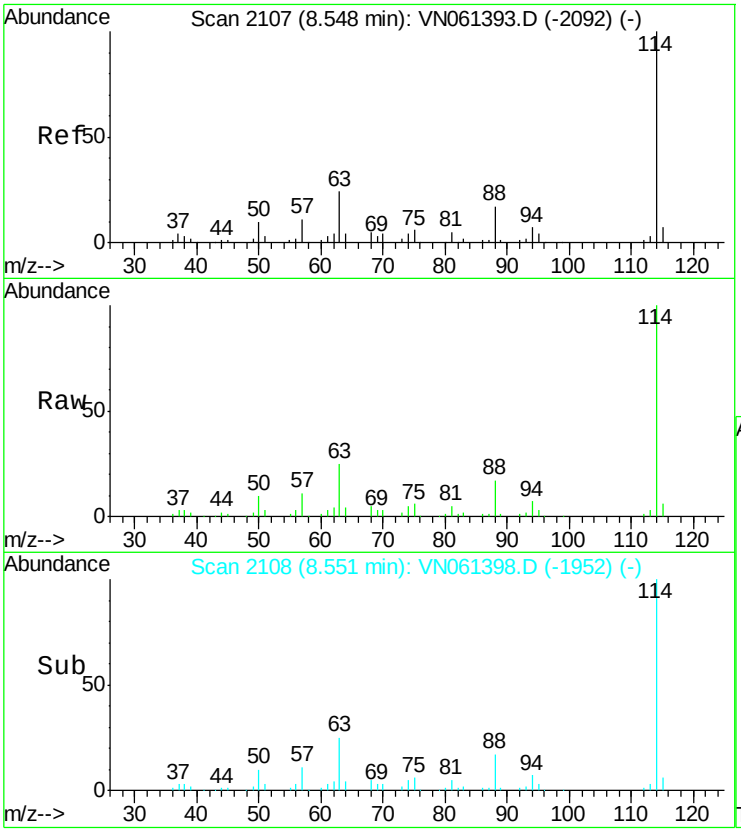


#27
1,2-Dichloroethane-d4
Concen: 30.977 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061398.D
Acq: 14 May 2020 17:20

Tgt Ion: 65 Resp: 52590

Ion	Ratio	Lower	Upper
65	100		
67	50.8	41.5	62.3



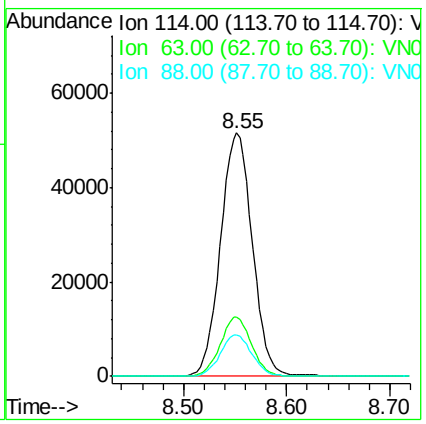


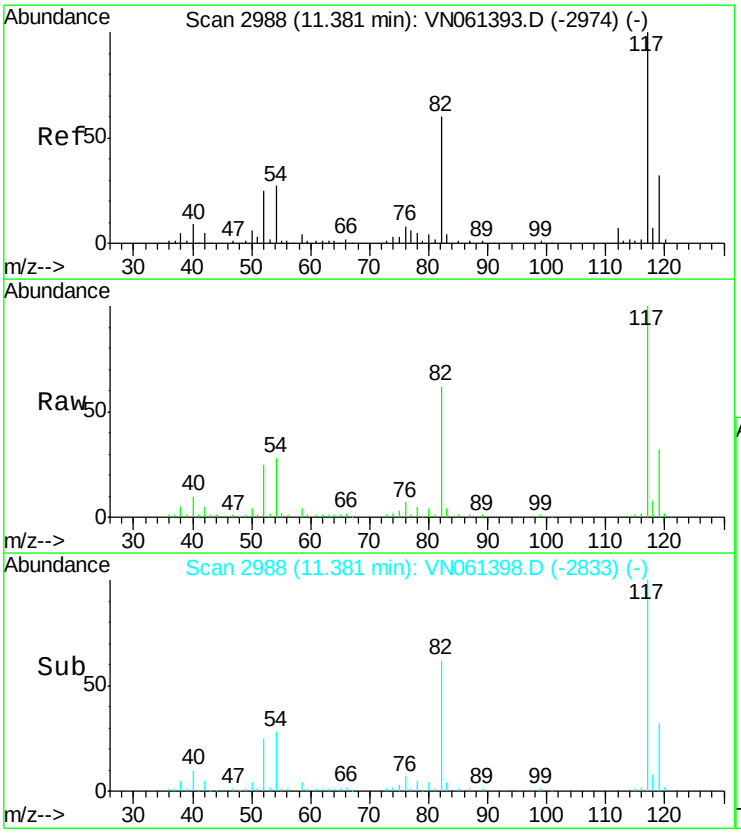
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061398.D
Acq: 14 May 2020 17:20

Instrument : MSVOA_N
ClientSampleId : VN0514WBL01

Tgt Ion:114 Resp: 110702

Ion	Ratio	Lower	Upper
114	100		
63	23.8	18.1	27.1
88	16.8	13.0	19.4

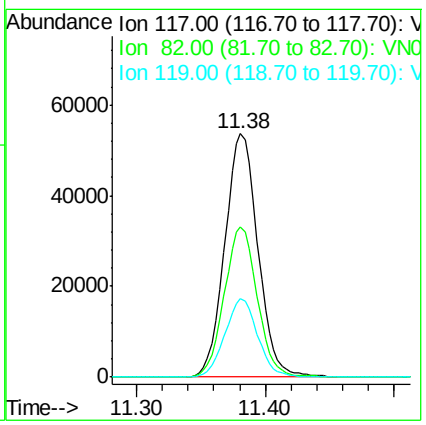


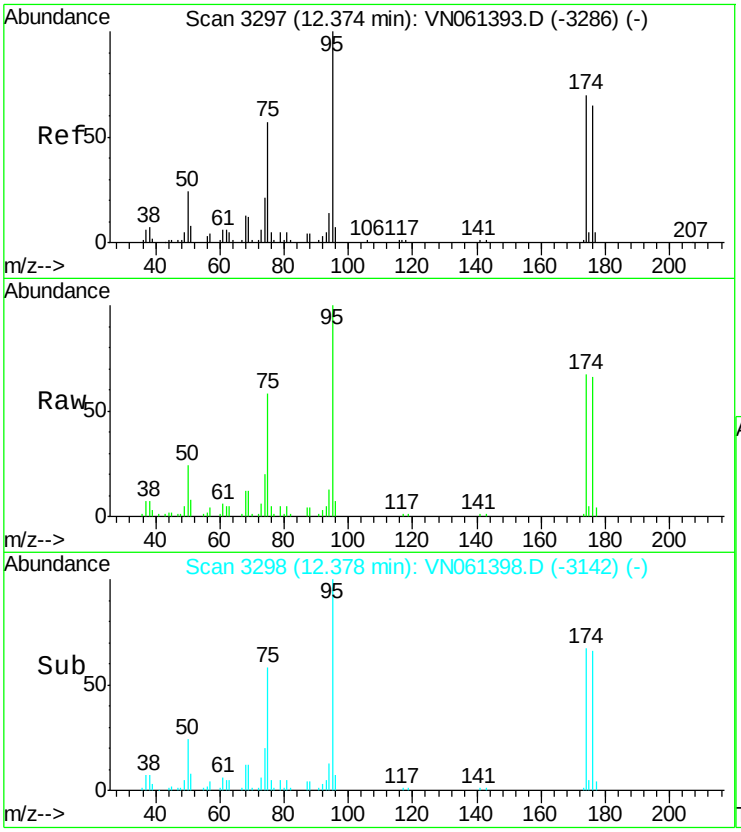


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061398.D
Acq: 14 May 2020 17:20

Tgt Ion:117 Resp: 95930

Ion	Ratio	Lower	Upper
117	100		
82	61.2	46.9	70.3
119	31.8	25.8	38.6



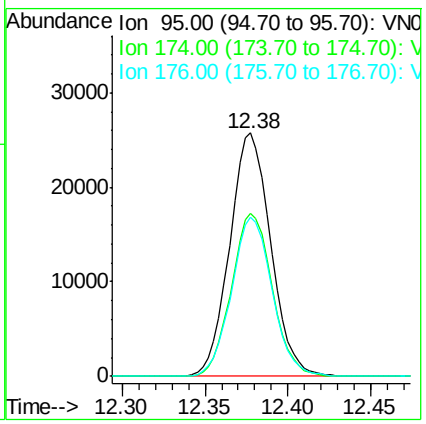


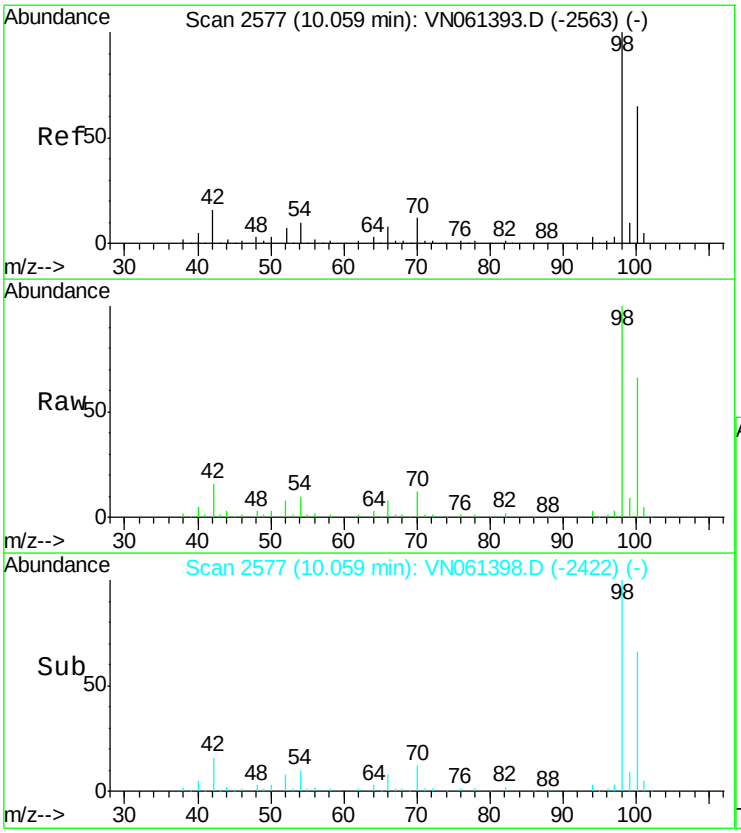
#60
4-Bromofluorobenzene
Concen: 27.062 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061398.D
Acq: 14 May 2020 17:20

Instrument : MSVOA_N
ClientSampleId : VN0514WBL01

Tgt Ion: 95 Resp: 44321

Ion	Ratio	Lower	Upper
95	100		
174	66.5	59.9	89.9
176	64.7	58.3	87.5





#63
Toluene-d8
Concen: 31.729 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061398.D
Acq: 14 May 2020 17:20

Tgt Ion: 98 Resp: 140930

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.6	75.8